



S8 Fig. TIR relationships of TEs annotated using TIRs derived from TIR Learner. Visualisation of the symmetric distance matrix for the forward TIRs of Pack-TYPE TEs annotated using *packFinder* using TIRs derived from TIR Learner; the plot displays a random sample of 1000 of these elements. Distance was calculated using the alignment-free kmer algorithm, and elements were ordered by hierarchical clustering (Methods). Two heatmaps were generated for *Zea mays* (A) and *Oryza sativa* (B).